Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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Scaled data based on original data using

LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P1501219

Luminaire Tested: GSS-SB4C-850-U-T3LG

Issue Date: 07/20/2026

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1501219
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4C-850-U-T3LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 204W 80CRI 5000K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(104) 5000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	28260.6 lumens
Efficiency:	N/A
Efficacy:	138.5 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G3

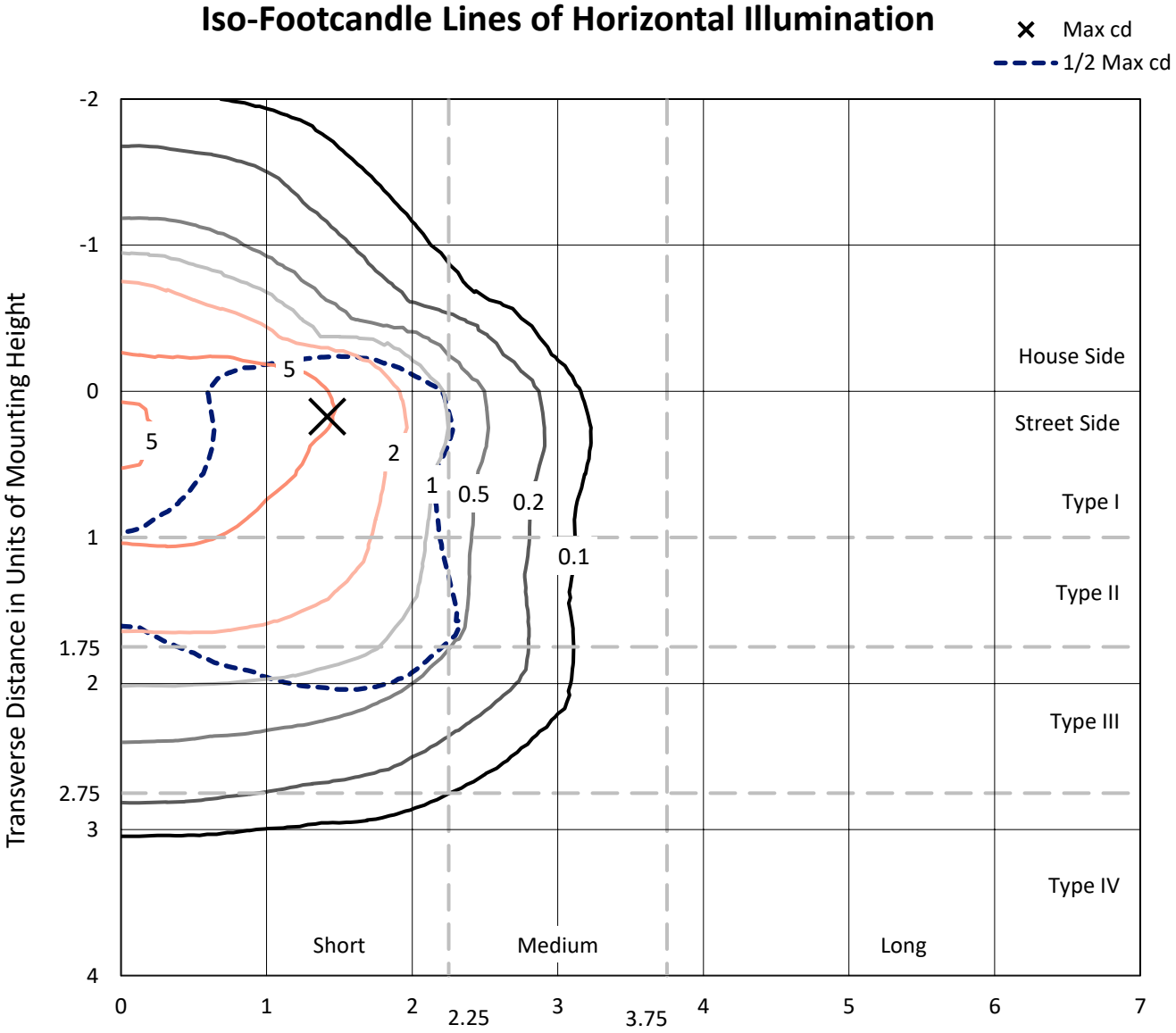
Input Watts (W):	204
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	9.5%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1501219
CATALOG NUMBER: GSS-SB4C-850-U-T3LG

Iso-Footcandle Lines of Horizontal Illumination



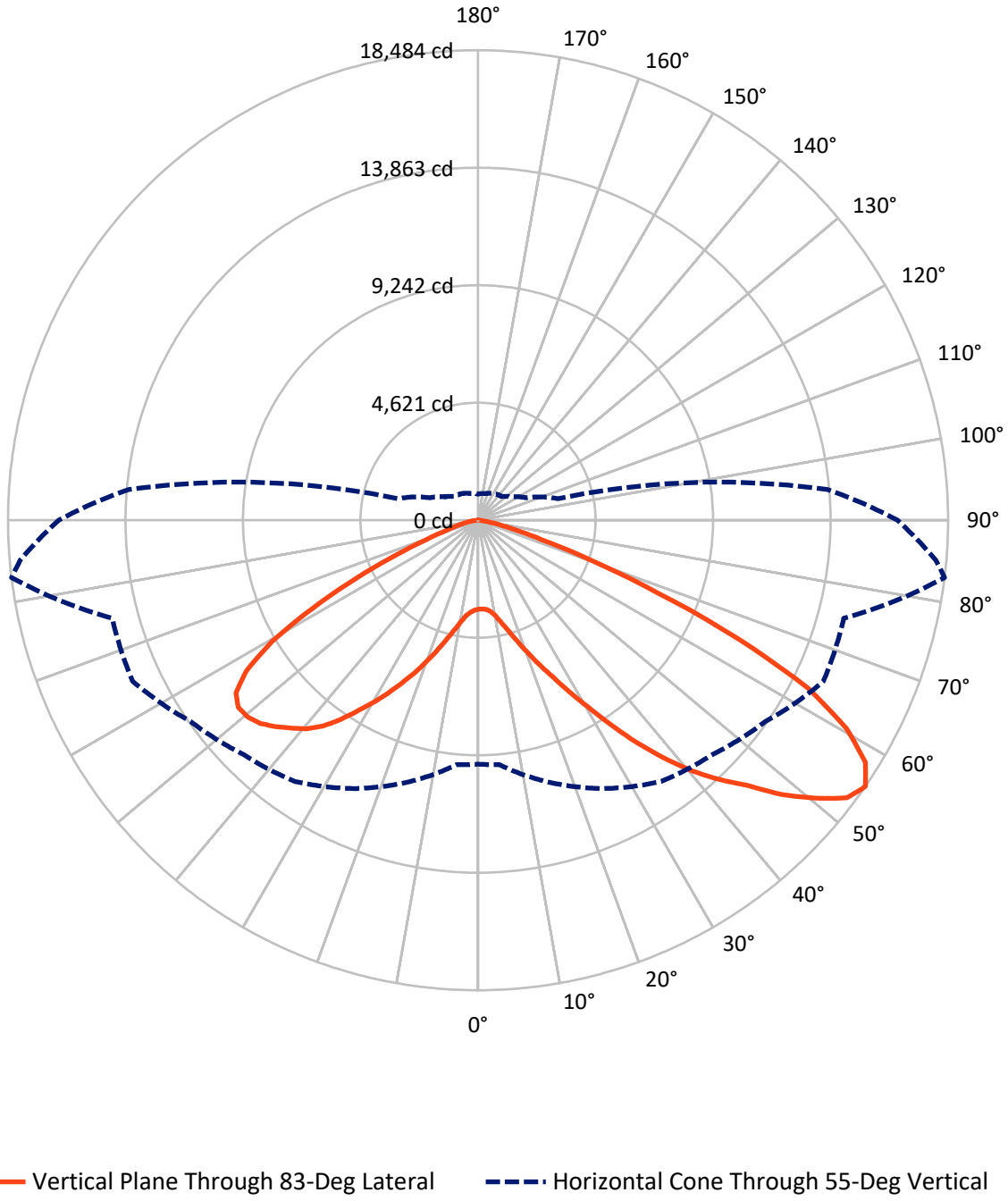
Based on 25 foot mounting height. Maximum calculated value = 9.5 fc
Type III - Short - N/A

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Scaled Data Report

REPORT NUMBER: P1501219
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Luminous Intensity Polar Plot



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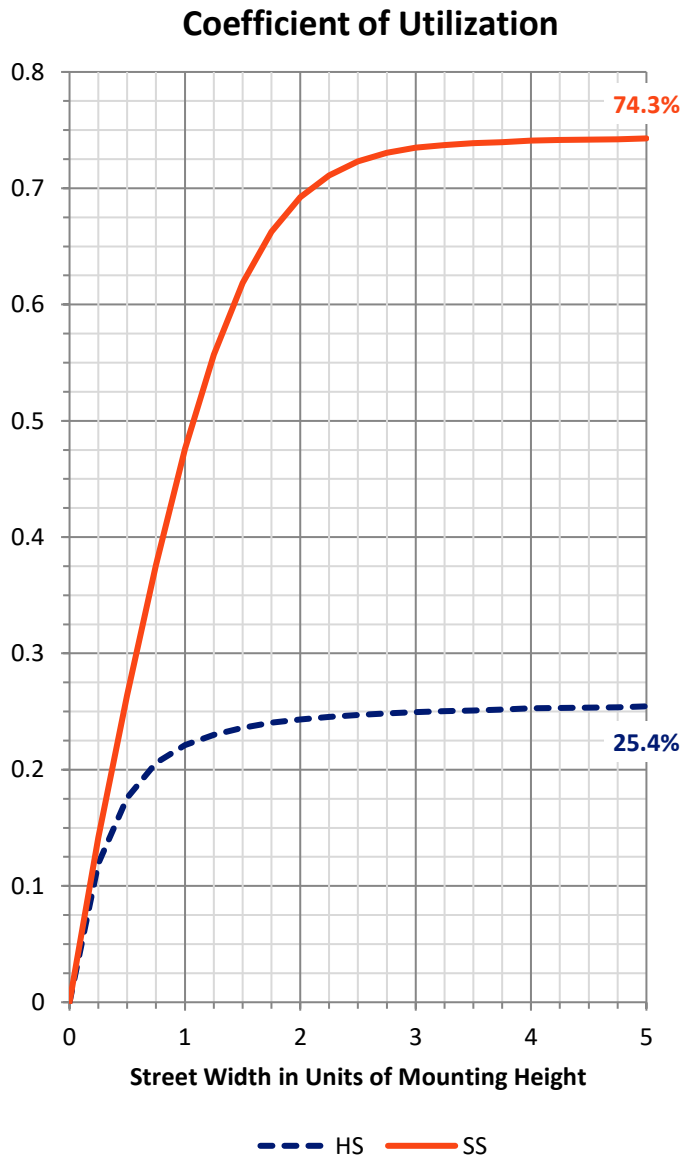
REPORT NUMBER: P1501219
CATALOG NUMBER: GSS-SB4C-850-U-T3LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	7252.3	0.0	7252.3
	% Fixture	25.7	0.0	25.7
Street Side	Lumens	21008.3	0.0	21008.3
	% Fixture	74.3	0.0	74.3
Total	Lumens	28260.6	0.0	28260.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	338.0	1.2
10°-20°	1101.2	3.9
20°-30°	2204.5	7.8
30°-40°	3922.2	13.9
40°-50°	5910.5	20.9
50°-60°	7202.4	25.5
60°-70°	5824.1	20.6
70°-80°	1595.2	5.6
80°-90°	162.5	0.6
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	28260.6	100.0
0°-180°	28260.6	100.0



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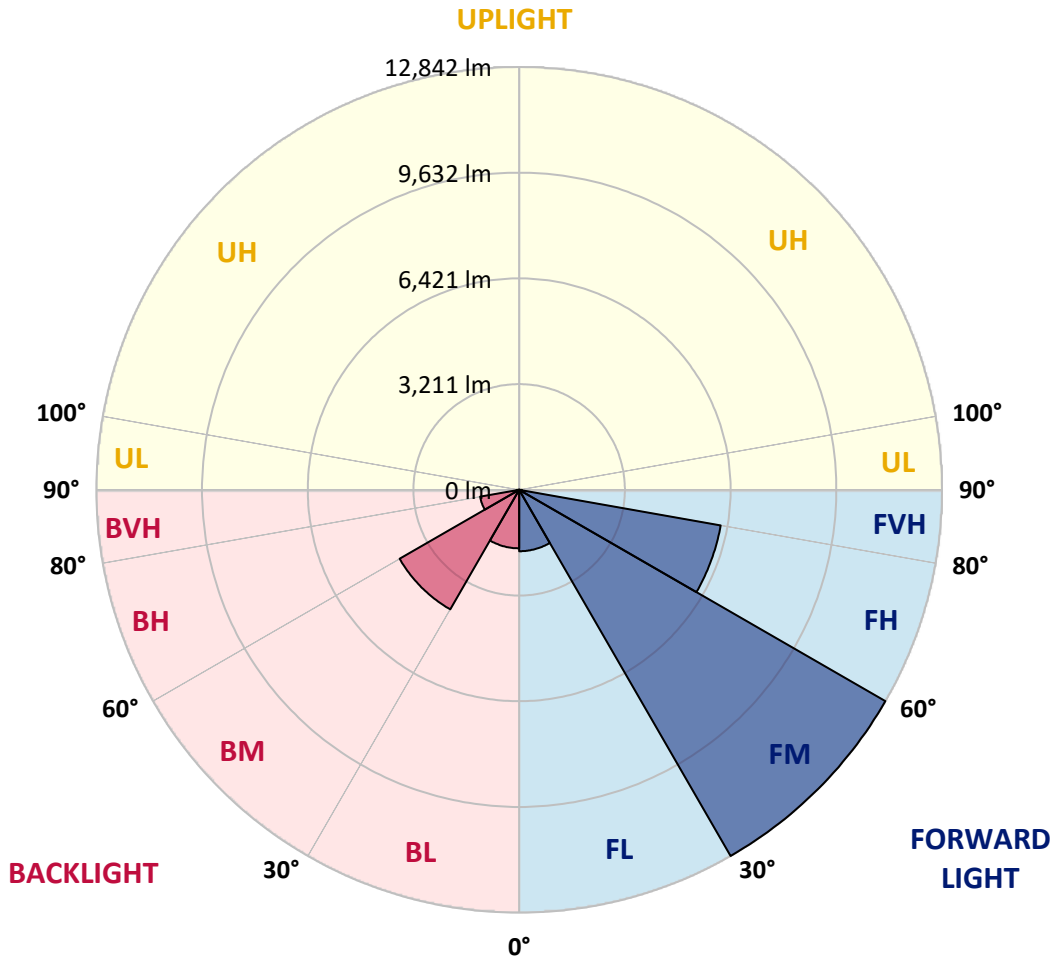
Scaled Data Report

REPORT NUMBER: P1501219
CATALOG NUMBER: GSS-SB4C-850-U-T3LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1866.0	6.6			
FM	(30°-60°)	12842.5	45.4			
FH	(60°-80°)	6215.2	22.0			G3/7500
FVH	(80°-90°)	84.6	0.3			G1/100
BL	(0°-30°)	1777.7	6.3	B3/2500		
BM	(30°-60°)	4192.6	14.8	B3/5000		
BH	(60°-80°)	1204.1	4.3	B3/2500		G3/2500
BVH	(80°-90°)	77.9	0.3			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	83°	85°
0°	3498.4	3498.4	3498.4	3498.4	3498.4	3498.4	3498.4	3498.4	3498.4	*3498.4*	3498.4
2.5°	3397.9	3391.6	3385.3	3379.0	3391.6	3410.4	3429.3	3441.8	3473.2	*3498.4*	3485.8
5°	3127.8	3115.2	3127.8	3178.0	3222.0	3297.4	3372.7	3423.0	3492.1	*3523.5*	3536.0
7.5°	2889.1	2876.6	2889.1	2951.9	3027.3	3146.6	3303.7	3429.3	3554.9	*3630.3*	3642.8
10°	2889.1	2895.4	2895.4	2920.5	2958.2	3077.6	3266.0	3504.6	3724.5	*3831.2*	3856.4
12.5°	2983.3	2983.3	2983.3	3014.7	3039.9	3134.1	3347.6	3642.8	3994.5	*4151.6*	4170.4
15°	3109.0	3102.7	3121.5	3140.4	3184.3	3278.5	3492.1	3843.8	4289.7	*4528.4*	4553.5
17.5°	3284.8	3272.3	3291.1	3335.1	3397.9	3504.6	3718.2	4120.1	4698.0	*4999.4*	5037.1
20°	3479.5	3473.2	3510.9	3580.0	3667.9	3799.8	4044.8	4453.0	5162.7	*5545.9*	5615.0
22.5°	3711.9	3699.3	3768.4	3894.0	4013.4	4164.1	4459.3	4886.4	5696.6	*6155.1*	6224.2
25°	3975.7	3975.7	4069.9	4220.6	4402.8	4672.9	4968.0	5439.1	6324.7	*6814.6*	6921.3
27.5°	4409.1	4440.5	4478.1	4635.2	4892.7	5257.0	5571.0	6104.9	7009.3	*7624.8*	7662.5
30°	5112.5	5099.9	5162.7	5269.5	5483.1	5866.2	6337.2	6908.8	7876.0	*8522.9*	8617.1
32.5°	5746.9	5765.7	5853.6	6054.6	6312.1	6638.7	7204.0	7907.4	8818.1	*9565.5*	9609.5
35°	6387.5	6400.0	6569.6	6871.1	7254.2	7618.5	8234.0	8924.9	9841.9	*10727.5*	10846.8
37.5°	7285.6	7273.1	7442.6	7700.2	8215.2	8780.4	9276.6	9936.1	10821.7	*11858.0*	11996.2
40°	7957.7	8026.8	8347.1	8673.7	9157.3	9741.4	10162.2	10784.0	11625.6	*12963.4*	13089.0
42.5°	8648.5	8705.1	9132.2	9622.1	10130.8	10526.5	10853.1	11430.9	12266.2	*13943.2*	14012.3
45°	9220.1	9295.5	9785.4	10407.1	10934.7	11336.7	11449.7	11989.9	12919.4	*14885.3*	14992.1
47.5°	9584.4	9666.0	10243.8	10972.4	11512.6	11939.6	11902.0	12661.9	13616.6	*16135.2*	16097.5
50°	9835.6	9885.8	10513.9	11292.7	11996.2	12278.8	12442.1	13421.9	14332.6	*17184.0*	17045.9
52.5°	10017.7	10099.4	10670.9	11525.1	12266.2	12636.8	13076.4	14301.2	14828.8	*18145.0*	17837.2
55°	*9590.7*	*9653.5*	*10658.4*	*11644.4*	*12542.6*	*13032.5*	*13798.7*	*14985.8*	*14891.6*	*18484.1*	*18069.6*
57.5°	9151.0	9201.2	10130.8	11613.0	12844.1	13522.4	14621.5	15073.7	14332.6	*17962.8*	17441.5
60°	8598.3	8636.0	9565.5	11280.2	12850.3	13905.5	15042.3	14433.1	13296.3	*16650.2*	16154.0
62.5°	7580.8	7580.8	8604.6	10382.0	12536.3	14100.2	14929.3	13220.9	11908.2	*14583.8*	13899.2
65°	6575.9	6531.9	7222.8	8780.4	11701.0	14050.0	14081.4	11688.4	9754.0	*11248.8*	10714.9
67.5°	5483.1	5489.3	5897.6	7128.6	9477.6	13001.1	12291.4	9031.7	6795.7	*7574.5*	7298.2
70°	3711.9	3806.1	4220.6	5175.3	7147.5	9213.8	9785.4	6117.4	4239.5	*4704.3*	4478.1
72.5°	1413.2	1432.0	1915.6	2713.3	4515.8	5539.6	6827.1	3423.0	2480.9	*2593.9*	2606.5
75°	596.7	621.8	816.5	1143.1	2003.5	3021.0	3592.6	1733.5	1507.4	*1551.3*	1538.8
77.5°	402.0	414.5	496.2	615.5	904.4	1212.2	1501.1	979.8	923.3	*866.7*	841.6
80°	301.5	301.5	358.0	414.5	508.7	621.8	653.2	496.2	552.7	*458.5*	445.9
82.5°	194.7	207.3	226.1	244.9	288.9	307.8	263.8	270.1	320.3	*238.7*	226.1
85°	94.2	100.5	106.8	113.1	113.1	106.8	94.2	119.3	163.3	*100.5*	94.2
87.5°	12.6	12.6	12.6	12.6	12.6	12.6	6.3	6.3	6.3	*6.3*	6.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0

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Scaled Data Report

REPORT NUMBER: P1501219
CATALOG NUMBER: GSS-SB4C-850-U-T3LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3498.4	3498.4	3498.4	3498.4	3498.4	3498.4	3498.4	3498.4	3498.4	3498.4	3498.4
2.5°	3504.6	3529.8	3548.6	3561.2	3592.6	3586.3	3605.1	3617.7	3630.3	3649.1	3624.0
5°	3567.4	3611.4	3661.7	3699.3	3737.0	3755.9	3762.1	3774.7	3781.0	3793.6	3787.3
7.5°	3705.6	3755.9	3831.2	3868.9	3900.3	3900.3	3881.5	3875.2	3856.4	3868.9	3868.9
10°	3938.0	4013.4	4095.0	4101.3	4063.6	4019.7	3950.6	3912.9	3862.6	3850.1	3837.5
12.5°	4277.2	4377.7	4440.5	4396.5	4264.6	4101.3	3919.2	3749.6	3617.7	3561.2	3548.6
15°	4660.3	4785.9	4798.5	4672.9	4434.2	4038.5	3655.4	3467.0	3397.9	3397.9	3391.6
17.5°	5187.9	5275.8	5225.6	4924.1	4390.2	3743.3	3467.0	3435.6	3454.4	3479.5	3479.5
20°	5740.6	5841.1	5633.8	5099.9	4120.1	3567.4	3485.8	3510.9	3554.9	3580.0	3573.7
22.5°	6400.0	6450.3	6048.3	5106.2	3831.2	3523.5	3523.5	3554.9	3586.3	3624.0	3624.0
25°	7078.4	7059.5	6431.5	4873.8	3667.9	3510.9	3498.4	3523.5	3536.0	3554.9	3548.6
27.5°	7838.3	7737.8	6726.6	4503.3	3617.7	3473.2	3410.4	3385.3	3397.9	3416.7	3423.0
30°	8711.4	8472.7	6965.3	4270.9	3598.8	3385.3	3234.6	3165.5	3152.9	3178.0	3178.0
32.5°	9722.5	9207.5	7109.8	4239.5	3580.0	3228.3	3027.3	2895.4	2870.3	2882.8	2914.3
35°	10758.9	10093.1	7072.1	4321.1	3586.3	3102.7	2807.5	2631.6	2606.5	2619.1	2650.5
37.5°	11845.4	10934.7	6927.6	4446.7	3536.0	2933.1	2606.5	2393.0	2355.3	2380.4	2393.0
40°	12687.0	11644.4	6569.6	4497.0	3448.1	2719.5	2374.1	2192.0	2091.5	2085.2	2116.6
42.5°	13465.9	12203.4	6180.2	4415.3	3266.0	2493.4	2135.4	1953.3	1796.3	1677.0	1677.0
45°	14244.7	12768.7	5784.5	4183.0	2964.5	2254.8	1884.2	1639.3	1457.1	1369.2	1375.5
47.5°	15023.5	13315.1	5313.5	3831.2	2663.0	2003.5	1614.1	1419.4	1293.8	1224.7	1224.7
50°	15745.8	13710.8	4710.5	3272.3	2317.6	1752.3	1425.7	1312.7	1218.5	1155.7	1143.1
52.5°	16380.1	13974.6	3894.0	2593.9	1940.7	1469.7	1325.2	1237.3	1168.2	1099.1	1080.3
55°	*16493.2*	*13798.7*	*3259.7*	*2085.2*	*1601.6*	*1319.0*	*1249.9*	*1174.5*	*1080.3*	*1048.9*	*1030.0*
57.5°	15796.0	12869.2	2751.0	1758.6	1369.2	1212.2	1187.1	1099.1	1023.8	992.4	973.5
60°	14608.9	11179.7	2273.6	1507.4	1218.5	1111.7	1143.1	1055.2	935.8	917.0	898.1
62.5°	12473.5	8723.9	1815.1	1268.7	1105.4	1036.3	1067.7	942.1	841.6	816.5	810.2
65°	9697.4	6243.0	1526.2	1118.0	1017.5	960.9	948.4	835.3	760.0	741.1	741.1
67.5°	6770.6	3969.4	1275.0	1023.8	904.4	866.7	860.5	785.1	734.8	716.0	716.0
70°	4145.3	2405.5	1074.0	935.8	797.7	728.6	772.5	760.0	684.6	665.8	659.5
72.5°	2154.3	1438.3	942.1	860.5	672.0	621.8	690.9	697.2	634.4	659.5	653.2
75°	1249.9	998.6	822.8	760.0	533.9	521.3	602.9	665.8	615.5	634.4	621.8
77.5°	716.0	640.6	634.4	621.8	420.8	427.1	540.1	596.7	527.6	546.4	502.5
80°	395.7	414.5	439.7	389.4	295.2	332.9	433.4	477.3	402.0	395.7	364.3
82.5°	207.3	257.5	295.2	251.2	169.6	201.0	295.2	295.2	257.5	244.9	238.7
85°	94.2	106.8	138.2	125.6	62.8	75.4	138.2	150.7	131.9	119.3	113.1
87.5°	6.3	6.3	6.3	6.3	6.3	6.3	12.6	18.8	6.3	6.3	6.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-12

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-850-U-5WQ

Data in this report applies to families of products including GSS-SB1A-850-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

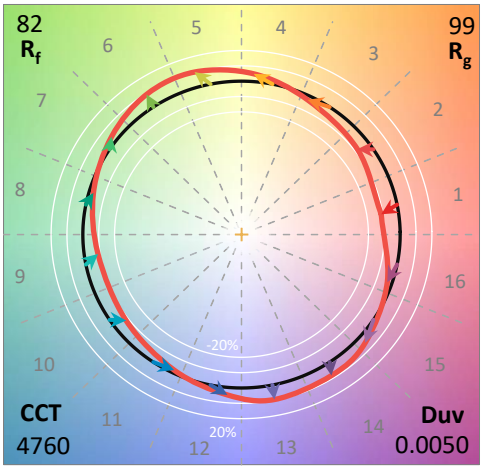
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-12
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP1 - 76IN SPHERE
Measurement Geometry:	4π
Issue Date:	10/15/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGraw-Edison
Catalog Number:	**GSS-SB1A-850-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 5000K CCT 26 LEDS

Spectral Parameters

CCT (K):	4760
CIE u':	0.2107
CIE v':	0.4939
Duv:	0.0050
CIE x:	0.3537
CIE y:	0.3685
CIE z:	0.2779
Peak Wavelength (nm):	443
Dominant Wavelength (nm):	571
Purity:	16.69598
Rf:	82
Rg:	99.4

CRI (Ra):	81.1				
R1:	79.8	R9:	8.7		
R2:	83.5	R10:	62.4		
R3:	87.9	R11:	83.8		
R4:	83.1	R12:	63.0		
R5:	80.5	R13:	79.9		
R6:	79.1	R14:	93.3		
R7:	86.1	R15:	72.7		
R8:	69.0				



Test Conditions

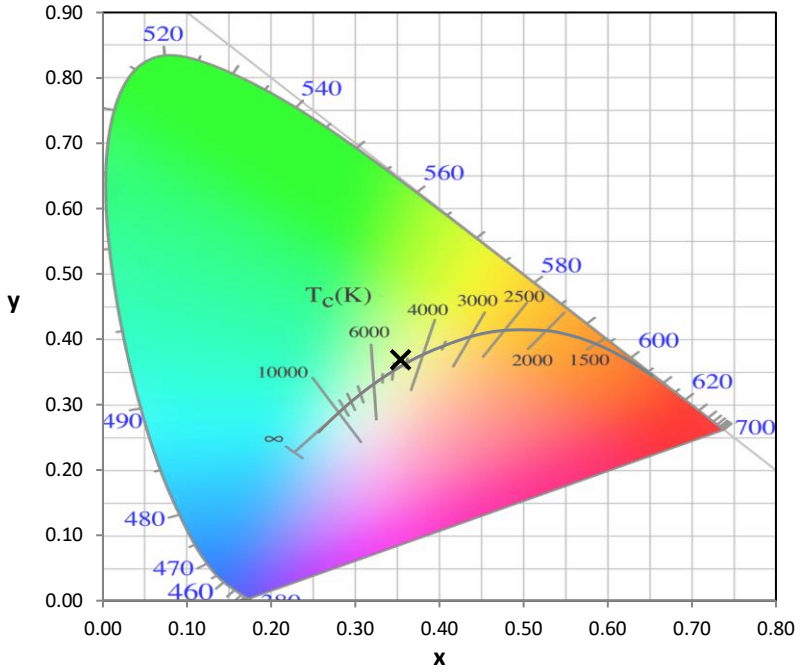
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-12

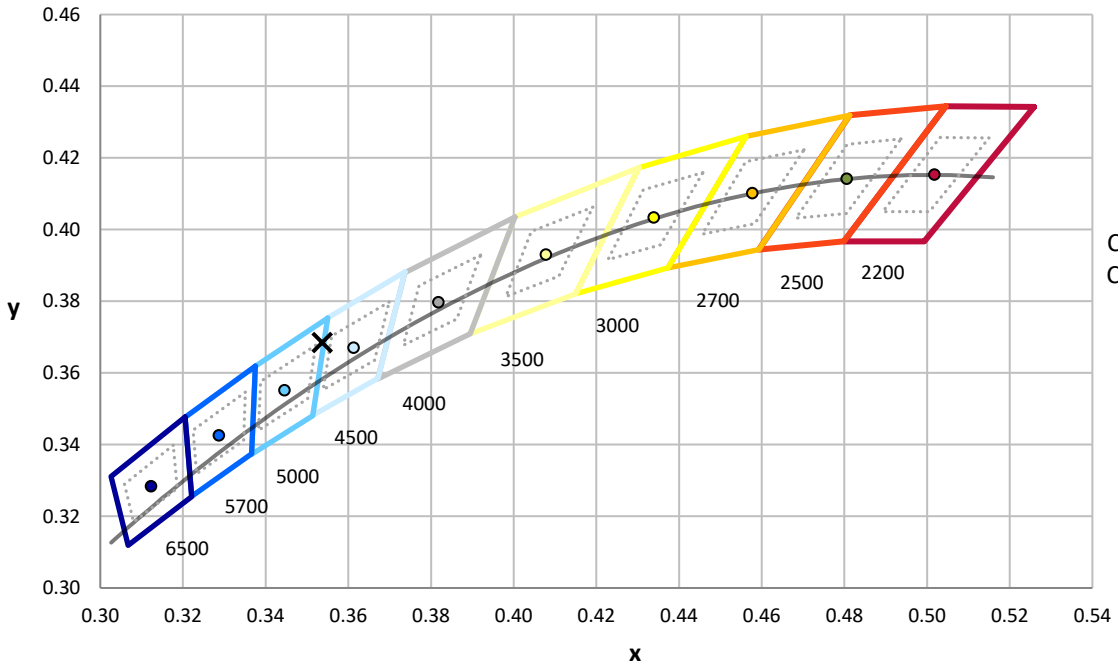
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

REPORT NUMBER: SP1-2407-184-12

CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles

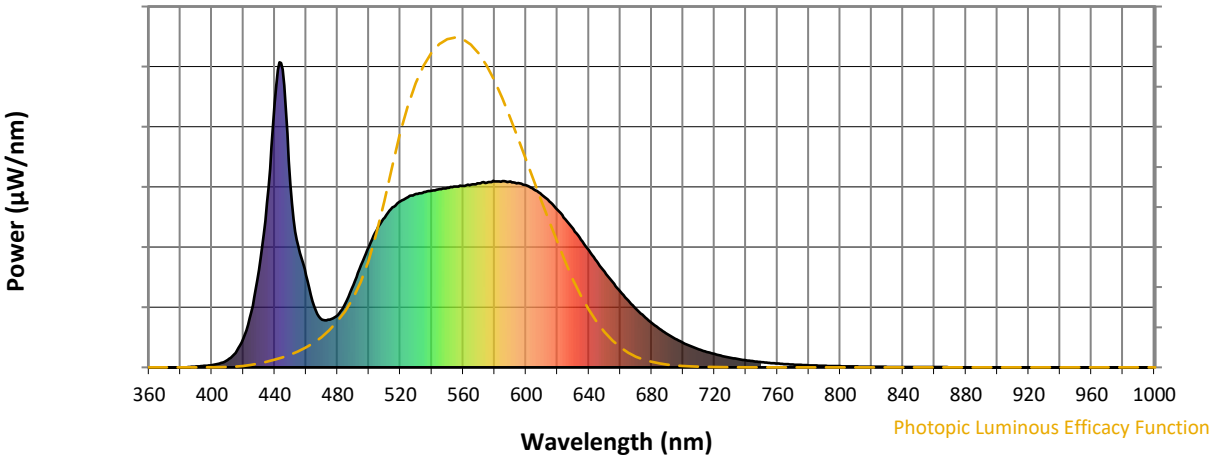


CCT = 4760K
CIE x = 0.3537
CIE y = 0.3685
Duv = 0.0050

Point lies inside the ANSI 5000K 7-step quadrangle

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Photopic Flux vs. Wavelength

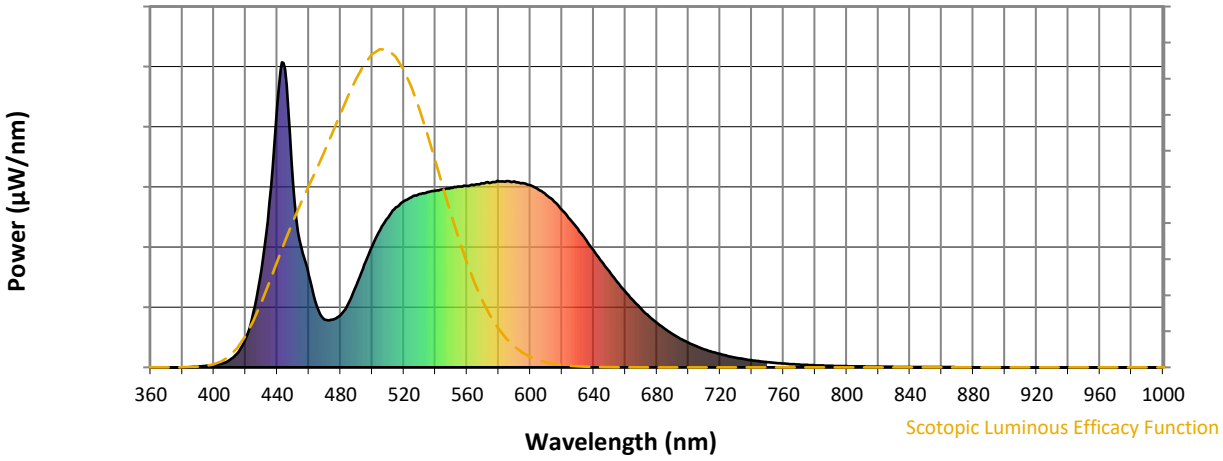


Photopic Lumens: NR

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

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Scotopic Flux vs. Wavelength

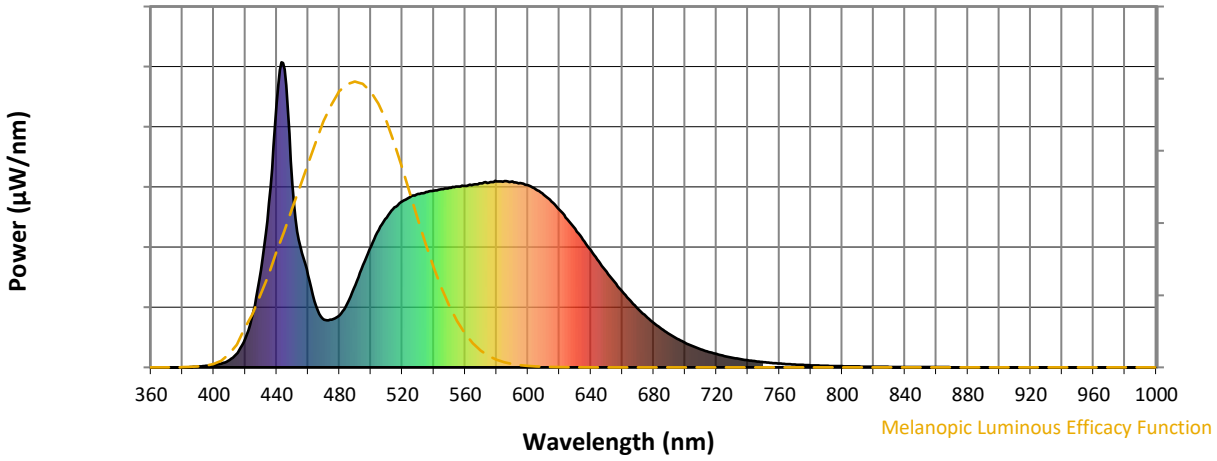


Scotopic Lumens: NR **S/P: 1.83**

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.74**

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

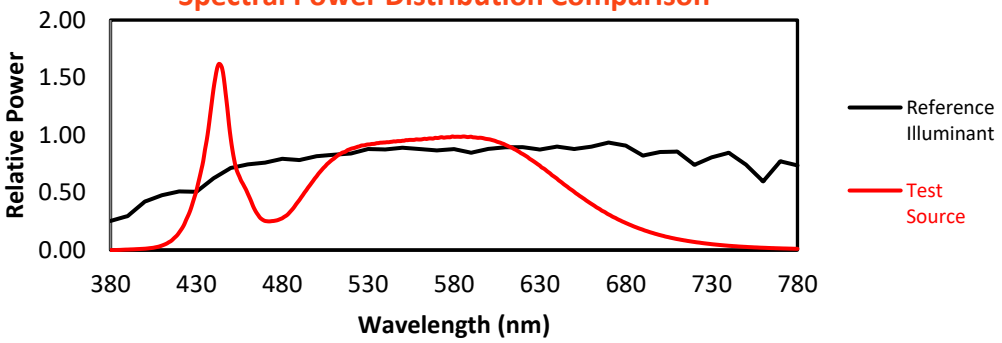
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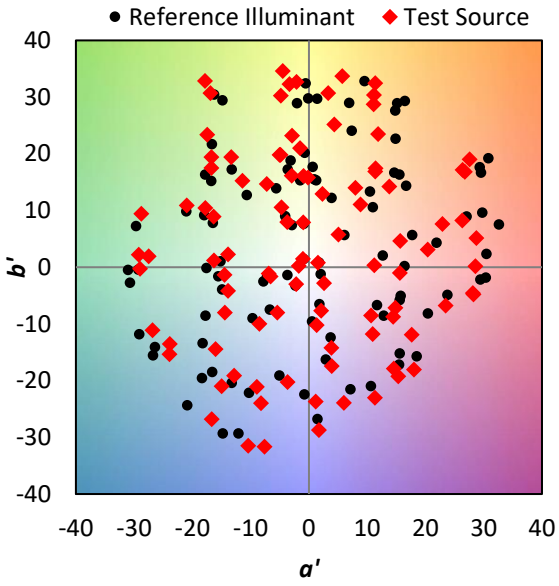
Summary

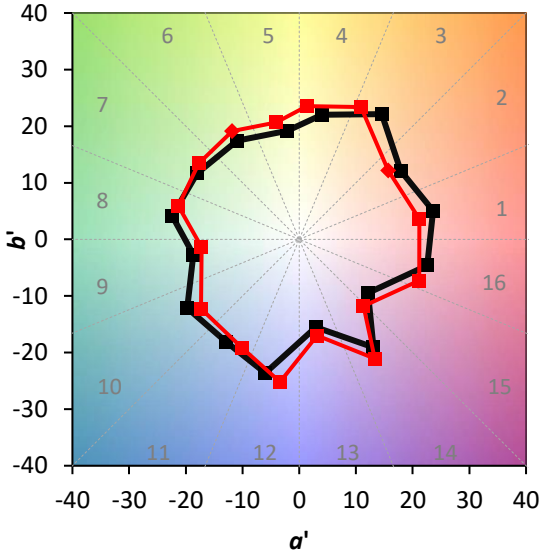
R_f = 82
R_g = 99.4
CIE R_a = 81.1
R_9 = 8.7

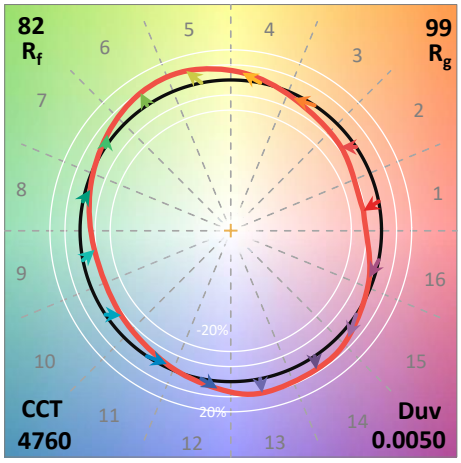
Spectral Power Distribution Comparison

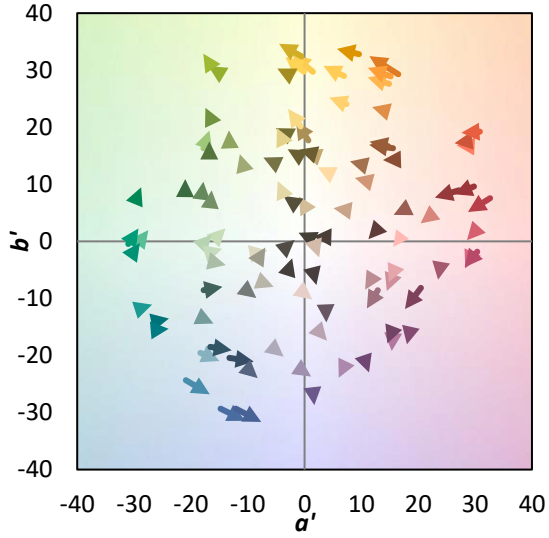


Color Vector Graphics







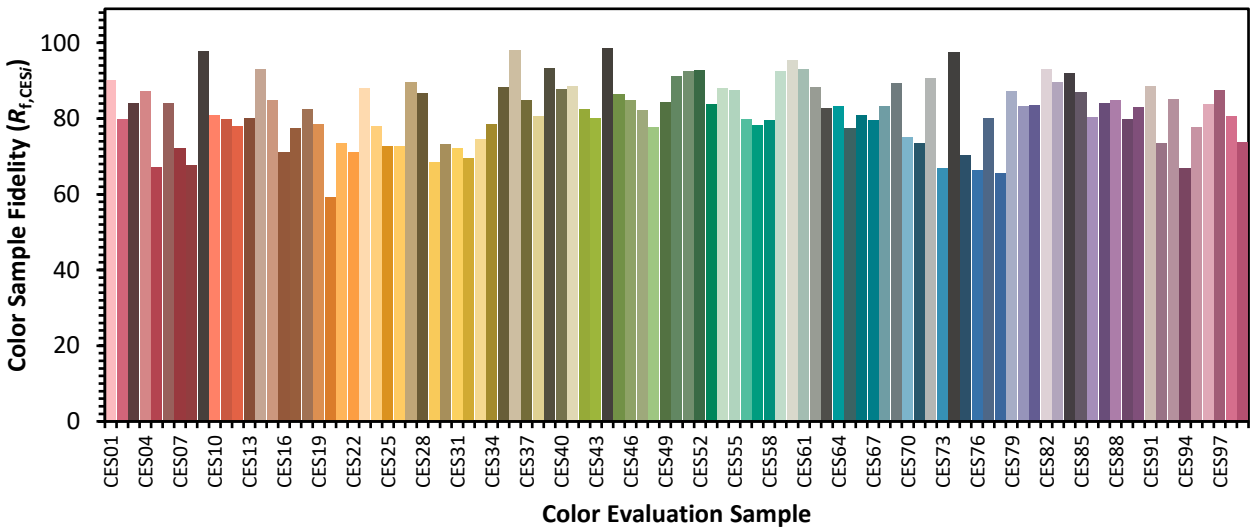


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Individual Sample Fidelity Index ($R_{f,i}$)

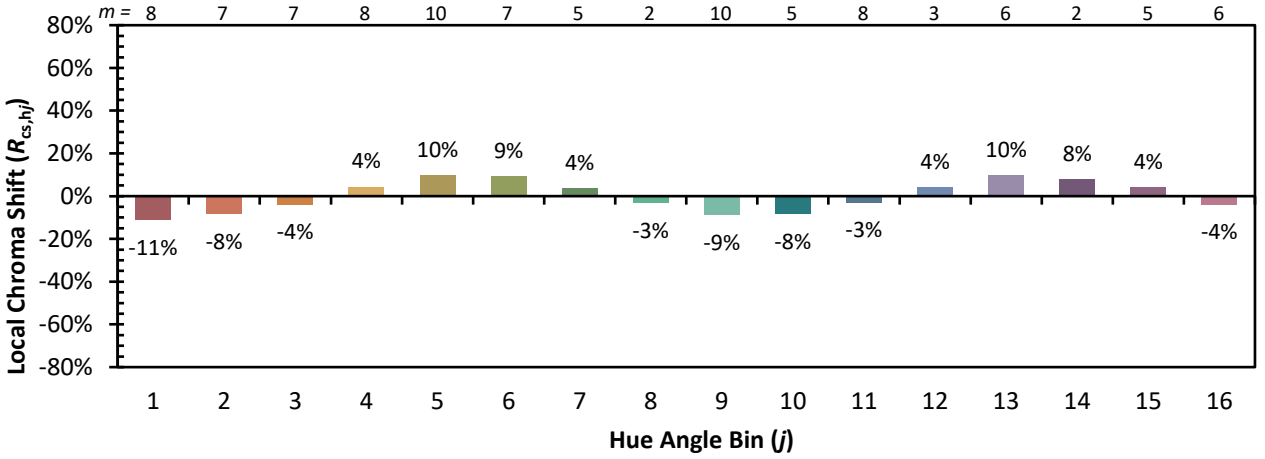
CES01 = 85	CES26 = 73	CES51 = 92	CES76 = 66
CES02 = 60	CES27 = 90	CES52 = 93	CES77 = 80
CES03 = 30	CES28 = 87	CES53 = 84	CES78 = 65
CES04 = 69	CES29 = 69	CES54 = 88	CES79 = 87
CES05 = 47	CES30 = 73	CES55 = 88	CES80 = 83
CES06 = 50	CES31 = 72	CES56 = 80	CES81 = 84
CES07 = 40	CES32 = 69	CES57 = 78	CES82 = 93
CES08 = 39	CES33 = 75	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 78	CES59 = 93	CES84 = 92
CES10 = 73	CES35 = 88	CES60 = 95	CES85 = 87
CES11 = 56	CES36 = 98	CES61 = 93	CES86 = 80
CES12 = 62	CES37 = 85	CES62 = 88	CES87 = 84
CES13 = 42	CES38 = 81	CES63 = 83	CES88 = 85
CES14 = 74	CES39 = 93	CES64 = 83	CES89 = 80
CES15 = 71	CES40 = 88	CES65 = 77	CES90 = 83
CES16 = 46	CES41 = 89	CES66 = 81	CES91 = 89
CES17 = 48	CES42 = 82	CES67 = 80	CES92 = 73
CES18 = 55	CES43 = 80	CES68 = 83	CES93 = 85
CES19 = 70	CES44 = 99	CES69 = 89	CES94 = 67
CES20 = 64	CES45 = 87	CES70 = 75	CES95 = 78
CES21 = 85	CES46 = 85	CES71 = 73	CES96 = 84
CES22 = 77	CES47 = 82	CES72 = 91	CES97 = 87
CES23 = 91	CES48 = 78	CES73 = 67	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 74
CES25 = 71	CES50 = 91	CES75 = 70	

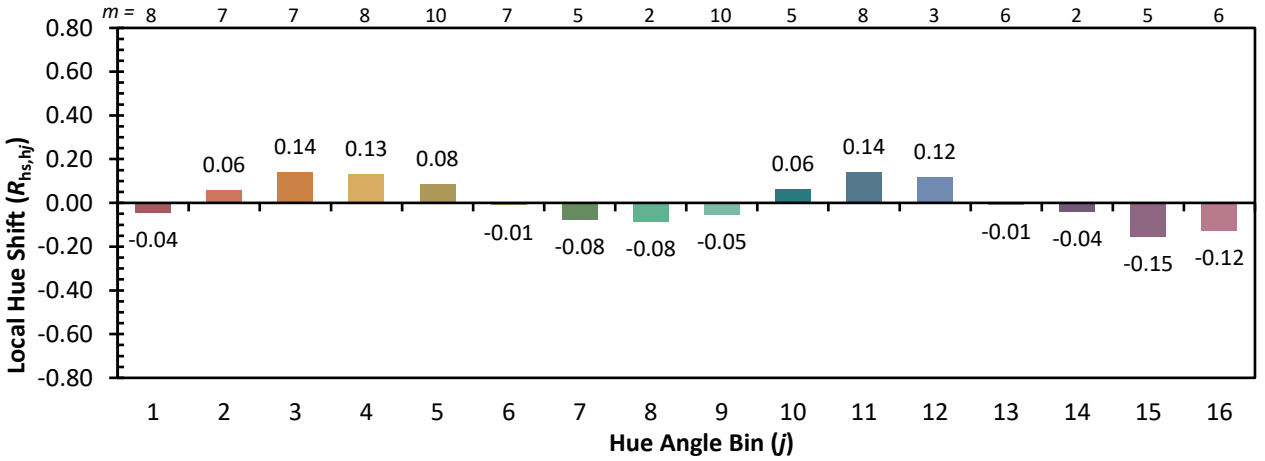


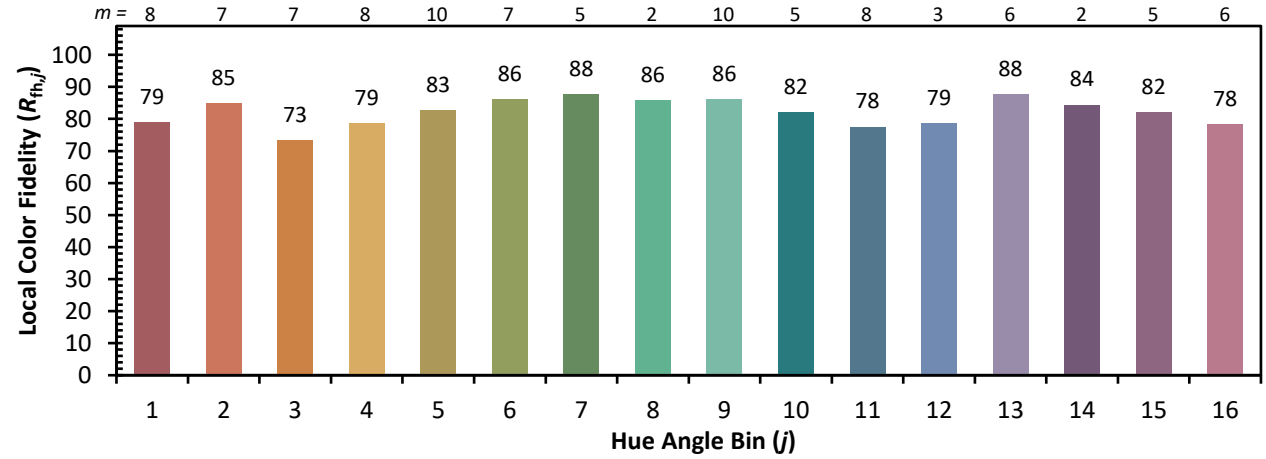
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Color Rendition by Hue-Angle Bin



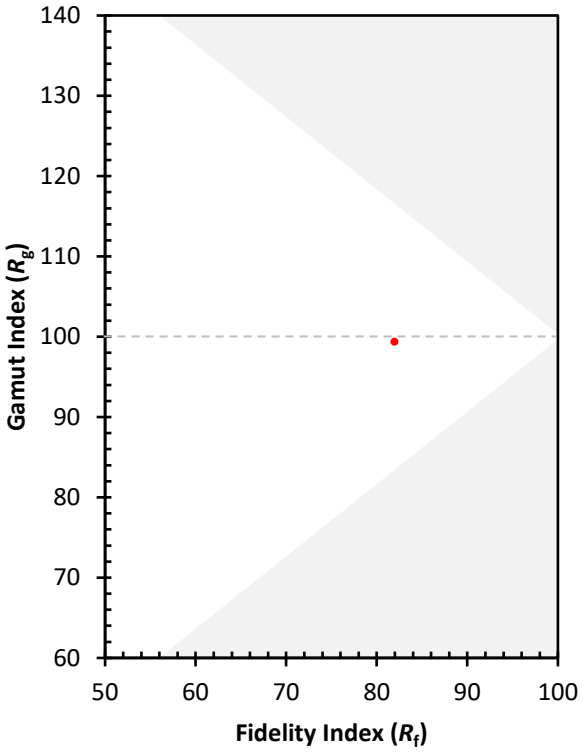


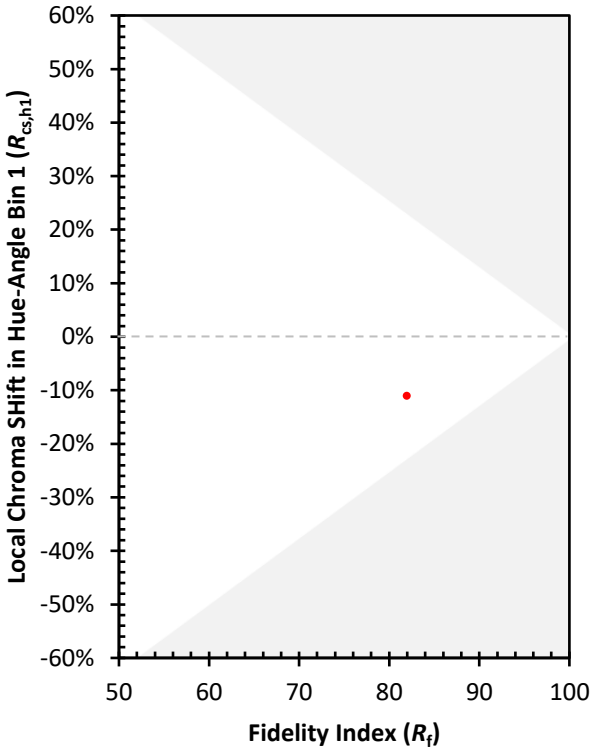


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Measure Comparisons





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